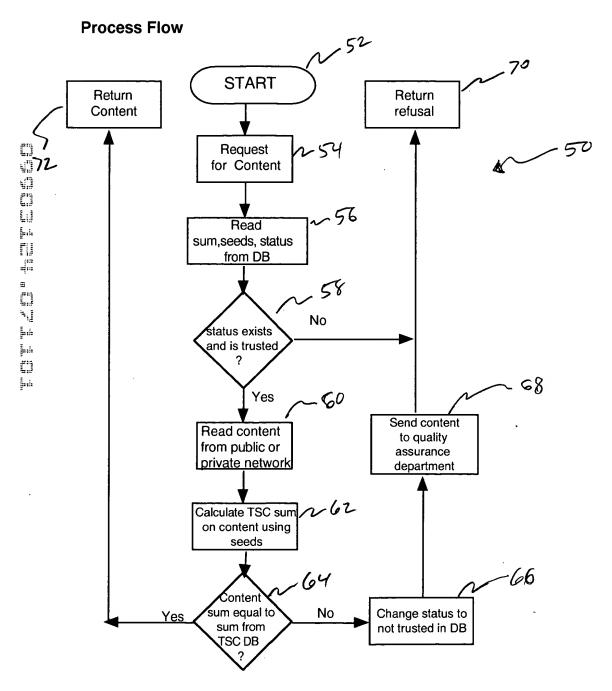


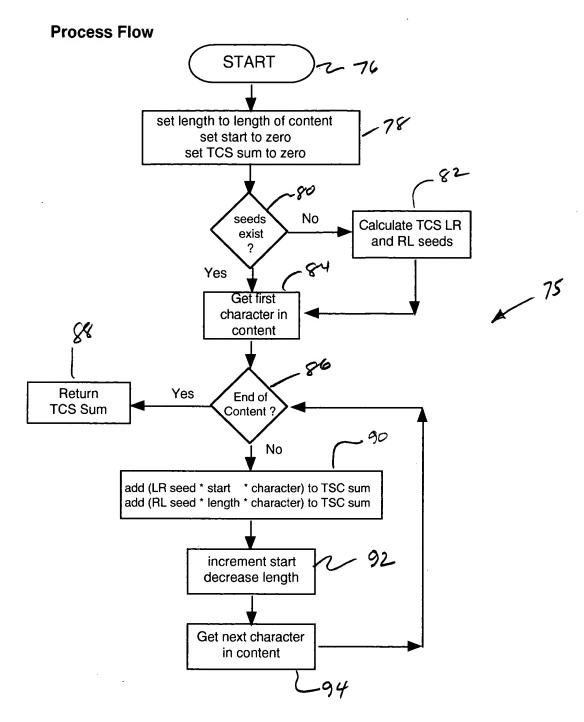




TCS Content Server

The Content Server is a separate computer with four network interface cards (NICs). It receives requests for content from the TCS Provider and either sends the content back or refuses the request based on verification of the content. The separate NICs allows the Content Server to control all flow of data.





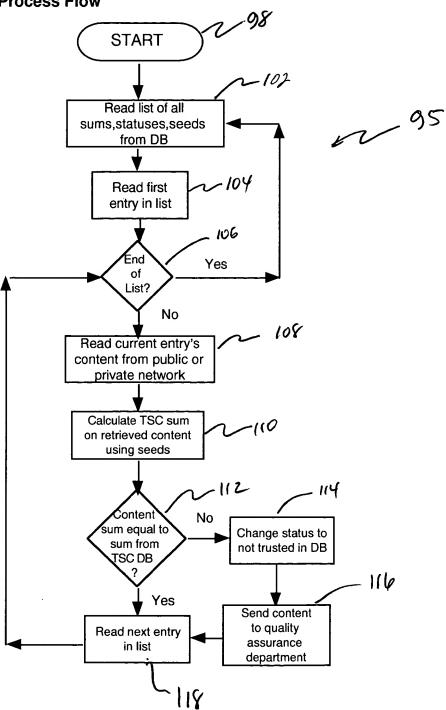




TCS Verification Server

The Verification Server constantly cycles through the database and verifies that the content in the public and private networks matches the information stored within the database. If a difference is found the database is updated with a not trusted status for the content and it is send to quality assurance for review.

Process Flow



TCS Database

The TCS Database stores TCS sum values, statuses, and seed numbers for all content considered trusted. The values are stored by TSC ID for easy access. All content identifiers (location e.g., URL) are cross referenced to TSC IDs via the TCS ID Table.

TCS Database Layout

TCS Content Table

			•
122 ~	TSC ID	integer	
124 -	TSC SUM	integer	105
	TSC STATUS	character	n 105
128 2	TSC LR SEED	integer	
130 2	TSC RL SEED	integer	

TCS Content ID Table

1322	TSC ID	integer	~ 119
	TSC ID SEQ	integer	
1362	Content ID	character	

^{*} Table Key